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Producing metastable 10

Leaunic makerial from a ceramic powder mixture

Pressure sintering the metastable ceramic material to fully density it while simultaneously developing a completely uniform nano- composite structure by pressure-induced phase transformanial

Fig. 1

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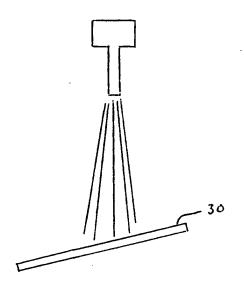
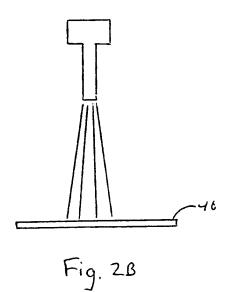
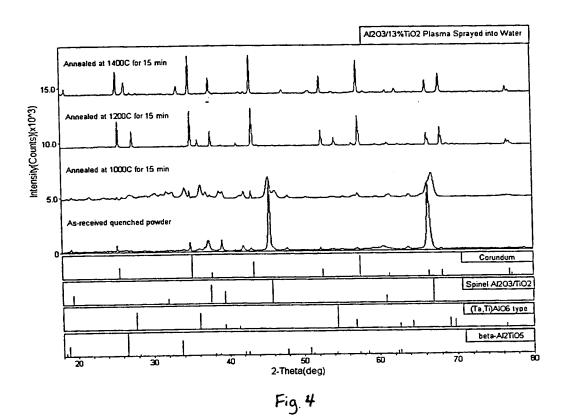


Fig. 2A



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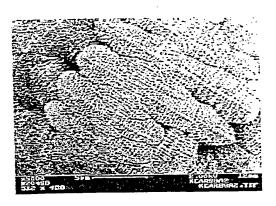


Fig. 3A

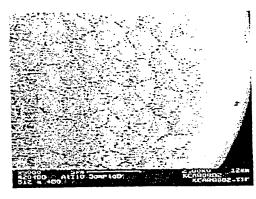


Fig. 3B

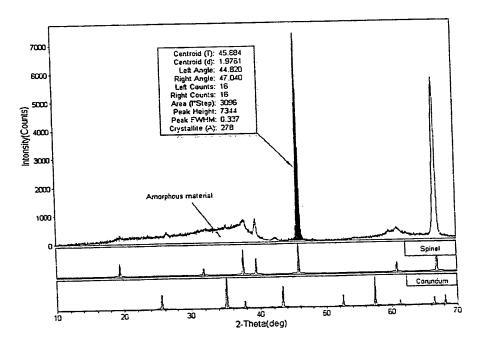


Fig. 5

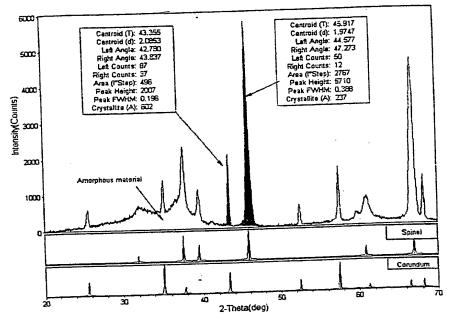


Fig. 6.

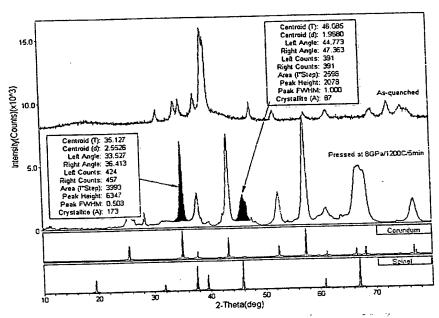


Fig. 7